

Title: **Kusile Power Station Tender
Technical Evaluation Strategy
for the Supply and Delivery of
Low Voltage Electric Motor
Spares**

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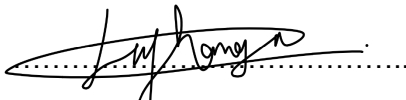
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CONTENTS

	Page
1. INTRODUCTION	3
2. SUPPORTING CLAUSES.....	3
2.1 SCOPE	3
2.1.1 Purpose	3
2.1.2 Applicability.....	3
2.2 NORMATIVE/INFORMATIVE REFERENCES	3
2.2.1 Normative	3
2.2.2 Informative	3
2.3 DEFINITIONS.....	4
2.3.1 Classification	4
2.4 ABBREVIATIONS.....	4
2.5 ROLES AND RESPONSIBILITIES.....	4
2.6 PROCESS FOR MONITORING	4
2.7 RELATED/SUPPORTING DOCUMENTS	4
3. TENDER TECHNICAL EVALUATION STRATEGY	5
3.1 TECHNICAL EVALUATION THRESHOLD	5
3.2 TECHNICAL EVALUATION CRITERIA	5
3.3 TET MEMBERS	6
3.4 TET MEMBER RESPONSIBILITIES	6
3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	7
3.5.1 RISKS.....	7
4. AUTHORISATION.....	8
5. REVISIONS	8
6. DEVELOPMENT TEAM	8
7. ACKNOWLEDGEMENTS	8

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1. INTRODUCTION

Kusile Power Station has decided to partner with a suitable and qualified Supplier for the supply of Low Voltage Electric Motors Spares at Kusile Power Station. The Power Station is designed to operate with an Unplanned Capability Loss Factor (UCLF) not exceeding 5% and this will be achieved by ensuring that the time spent on maintenance is minimized. One of the ways to minimize the maintenance downtime is availability of necessary equipment or component maintenance spares.

This document provides an overview of Eskom's technical evaluation criteria to be used when evaluating the tender submissions for the supply of Low Voltage Electric Motor spares at Kusile Power Station for the period of three years. The document provides annexures developed to address various aspects required to perform technical evaluations.

2. SUPPORTING CLAUSES

2.1 SCOPE

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This strategy is applicable to the evaluation of for the supply and delivery of Low Voltage Electric Motor spares at Kusile Power Station only.

2.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

- [1] 240-48929482: Tender Technical Evaluation Procedure
- [2] 32-1034: Eskom Procurement Policy

2.2.2 Informative

- [3] Kusile Power Station Low Voltage Electric Motor Spares Supply and Delivery Scope of Work.

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2.3 DEFINITIONS

2.3.1 Classification

Controlled Disclosure: Controlled Disclosure to external parties (either enforced by law, or discretionary).

Local: Within the borders of the Republic of South Africa

Tender: A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.4 ABBREVIATIONS

Abbreviation	Description
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team
SOW	Scope of Work
OEM	Original Equipment Manufacturer
DC	Direct Current
AC	Alternating Current
LV	Low Voltage

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

The primary process for monitoring will be the approval of this document and the approval of the evaluation report post tender evaluation as set out in the 240-48929482: Tender Technical Evaluation Procedure

2.7 RELATED/SUPPORTING DOCUMENTS

240-53114248: Thyristor and Switch mode chargers, AC/DC to DC/AC convertors and inverters/Uninterruptible power supplies standard.

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3. TENDER TECHNICAL EVALUATION STRATEGY

To be eligible for Qualitative Evaluation, the tenderer shall meet all the Mandatory Evaluation requirements.

The evaluation of tenders will be based on the tenderer's ability to meet the requirements specified in the SOW. A weighted score card approach will be used to evaluate the tenders against the Employer's requirements. The following scoring method will be used.

The guideline for Qualitative scoring is on the table below:

Table 3.1: Qualitative Evaluation Criteria Scoring Table

Score	Percentage	Description
5	100	COMPLIANT Meet technical requirement(s) AND; No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions.
2	40	NON-COMPLIANT Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR; Unacceptable exceptions AND/OR; Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE

3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

3.2 TECHNICAL EVALUATION CRITERIA

To be eligible for evaluation the tenderer shall meet the following gatekeepers & Qualitative controls:

Table 3.2: Technical Evaluation Criteria

1	Mandatory Technical Evaluation Criteria		
	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.1	Tenders shall supply the same exact required spares or replacement spares that meet the functional requirements or are better.	A Letter from the tender listing all OEMs that will be used for the supply of the various goods on an official Tender Company letterhead. The letter must indicate the following as minimum: Official OEM name	Ascertain that quality motors will be supplied at a market related cost and reasonable lead times by selecting the source.

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		Addresses of manufacturing plants	
2	Technical Qualitative (100%)		
	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Weight
2.1	Confirmation of manufacturers to supply the motors	A letter of support from the OEM/s to the tender indicating authorisation of distribution and post supply technical support	20%
2.2	Technical Specifications per motor type and size range or individually	A completed Technical Schedule-A&B in Appendix C. or OEM official Schedule/Technical booklet	30%
2.3	Outline Drawing and critical dimensions	Preliminary outline drawing indicating motor mounting dimensions, shaft height, shaft diameter and coupling detail, maximum overall dimensions, weight for total motor. (OEM Motor Booklet)	20%
2.4	Delivery Lead time	Supply a Schedule of lead times per motor/type/size on official company letterhead	20%
2.5	Grid code compliance requirements in Technical Schedule A&B.	Completed Schedule Appendix C Section Power Supply Details	10%

3.3 TET MEMBERS

The members of the technical evaluation team are undisclosed herein to maintain confidentiality when publishing this document on the Tender Bulletin. The details will be available on the Commercial declaration records.

Table 3.3: TET Members

TET Number	TET Name	Designation
TET 1	Confidential	Confidential
TET 2	Confidential	Confidential

3.4 TET MEMBER RESPONSIBILITIES

Table 3.4: TET Member Responsibilities

TET number	Mandatory Criteria Number and Qualitative Technical Evaluation Criteria	Designation
All TET's	Evaluation and scoring of technical submission	Confidential

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3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.5.1 RISKS

Table 3.5: Acceptable Technical Risks

Risk	Description
1	No data sheet for relevant technical information

Table 3.6: Unacceptable Technical Risks

Risk	Description
1	No delivery time lines
2	No serial numbers numbers/ part number for components
3	Non-South African with no track record for supplying same spare or approved similar

Table 3.7: Acceptable Technical Exceptions / Conditions

Risk	Description
1	Accept deviation with technical qualification

Table 3.8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1	Deviation without technical qualification not accepted

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4. AUTHORISATION

This document has been seen and accepted by the signatories on the front page

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5. REVISIONS

Date	Rev.	Compiler	Remarks
February 2022	1	F Nelufhangani	Strategy Development

6. DEVELOPMENT TEAM

This document has been developed by:

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7. ACKNOWLEDGEMENTS

N/A

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